the CANNON

University of Toronto Engineering Society

Vol. VI, No. V

The University of Toronto Engineering Society Presents

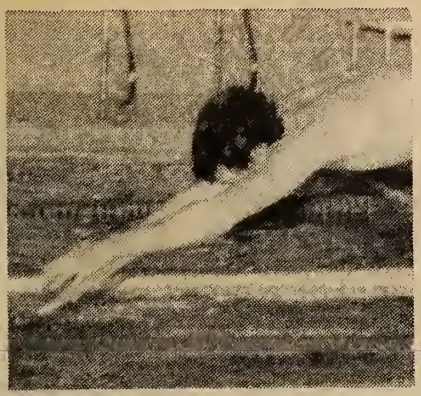
CANNONBALL

the Annual Skule Semi-Formal Dinner and Dance

Hilton Harbour Castle

Saturday, January 28, 1984

tickets at the Eng Soc
$25 per couple



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the CANNON

Vol. VI, No. V

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THE CANNON is a publication of the University of Toronto Engineering Society. It is published monthly to announce Eng Soc events, discuss faculty and university matters, and present technical information of interest to Engineering undergraduates. Subscriptions are available, call Ella at 978—2917. Anyone interested in helping with *THE CANNON* is most welcome.

THE CANNON encourages submissions; please type or write legibly. Deadline for articles and letters for the next issue is Tuesday, January 24. Comments on *THE CANNON* or articles appearing in it are appreciated. The editor reserves the right to edit for brevity.

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Going the Second Mile

At the moment we are trudging our way along the first mile and have at most taken a few tentative steps along the second. Does all this sound obscure? The first mile is the acquisition of the technical skills required to be an engineer and the second involves their application in a thoughtful, sane manner. But that's only the beginning . . . page 5

Show Your Skule Spirit

Orientation is certainly a major event, but there is another time each year when engineers prove that they are the most spirited group on campus. You guessed it, Godiva Week! page 8

Inside the Hallowed (?) Halls

Few of us bother to enter the imposing doorway of Simcoe Hall, let alone become involved in its mechanisms. However, for the courageous and dedicated few, a position as student governor on Governing Council does have its rewards. page 10

On the Cover

Why not follow this tradition and participate in the interfaculty swim meet (men's and women's) this month?

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Editor's Comments

January is almost like waking up from a bad dream. The worst part is realizing that the holidays are over though they seem to have barely begun. The other frightening thought is that an entire term, four months of your life, has disappeared with virtually nothing to show for it. The one redeeming fact is that it doesn't have to continue to be that way!

Unlike a dream whose consequences disappear when you awake, the haunting thoughts of January cannot be eliminated by opening your eyes. However, the other, often forgotten fact about this wintry month is that it offers the opportunity for each person to turn over a new leaf. A new term, many activities and a glimpse of the light at the end of the tunnel are all in store for you.

As highlighted in this issue, there are many activities (small on time commitment and big on fun) which can distract you from the cold weather. If downhill skiing is your thing, why not visit Osler Bluffs this Friday before classes and labs get too busy. For those who prefer events closer to home, this year's Godiva Week offers a myriad of opportunities. Baseball in the snow, chariot racing, bridge building, beer tasting, . . . there's something for everyone! If your taste is more for refined entertainment — dinner and dancing on the town, for example — reserve Saturday, January 28 for the Cannonball (with a great price reduction from last year).

Some students, while thoroughly enjoying these lighthearted fun events also like to see some concrete results from time expended on extracurricular activities. Now, before course work gets too heavy, is the time for first, second and third year students to consider the alternatives. Go to a meeting of a committee you've been interested in or attend Paul Godfrey's talk on January 26. A small time commitment now could lead to further enjoyment and fulfilment next year. For those who really want to have an impact at U of T, nominations are open for the position of Professional Faculties representative on Governing Council (see page 10) where a lot of responsibility can mean a lot of results.

Those of us in fourth year face a slightly different situation in the next four months. Scrambling to find a job or struggling to attain the marks necessary for graduate work, we are simultaneously saddled with a thesis project. Who has time to get involved in activities, especially if it would the first involvement in four years? The concept of a Second Mile Engineer is a necessary part of the answer to that question, for such an engineer is one who sees beyond the academic demands of university. The Second Mile Award, in recognizing undergraduate involvement, aims to highlight the importance of breadth to every engineer. Here in Skule, it is easy to become narrowly engrossed in studying thus excluding the non-academic aspects of university just as a working engineer can ignore the consequences of the project he or she is working on. Those who have made the time for involvement in the past four years are more likely to continue hte tradition of community service in their careers. Even if you haven't done so yet and feel that it is impossible to do so this term, the Class of 3T5 is trying to tell you, from experience, that you must broaden your view after graduation in order to be a true engineer. Or else the bad dream will never end.

Letter to the Editor

I am writing to express my appreciation to you for the excellent article, 'The Verdict on Skule', which you wrote for the December 1983 issue of *the Cannon*. It is not only accurate, but it also is in more precise language than I used in the interview. Congratulations!

Gordon R. Slemon
Dean

Feeling Overloaded?

Only 37 days

'till Reading Week!

Professionalism is More than Technical Ability

Serving Others as an Engineer

Murray D. Willer
Class of 3T5

"Whosoever shall compel thee to go one mile — go with him twain." This text, taken from the Sermon on the Mount, is the basis of the Second Mile Award given each year by the Engineering Class of 3T5 to a graduating engineer from the Faculty of Applied Science and Engineering, formerly the School of Practical Science.

The first mile is the mile of obligation and necessity for survival — the mile one must cover to earn a living. Beyond that lies the mile of uncompelled effort where one offers one's services in aid of others. without being asked, and where men and women attempt to enrich their work with some significance. It is in the second mile that an engineer may attain to the distinction of a professional.

Professionalism in engineering in traceable to the medieval guilds. The guilds took over the responsibiliity for training apprentices, admitting them to their ranks after a suitable training period. They also established standards of quality and workmanship.

There are many kinds of professions — open professions like acting or music or journalism and closed professions like medicine or law or engineering. The closed professions are granted certain monopolies and self-governing privileges by the government, in return for which the profession admits men and women of proven competence. The government may establish certain standards or examinations or it may leave the professional organization free to establish its own standards such as those established by the Association of Professional Engineers. Whichever standards are established, a profession must guarantee to the public the trustworthiness of its members, in return for which the government protects the profession by a privileged position before the law.

What Makes a Professional?

Professional status hence is an implied contract to serve the public, over and above that of satisfying a specific client. Technical skills, even of a high order however, do not of themselves make a professional. Mere technical training is vocational rather than professional. The difference between becoming a technically competent engineer and a professional engineer is a matter of spirit and scope and represents the difference between the first mile of his or her occupation and the second mile of his or her career.

The second mile is that mile which enables a professional to examine his or her work not only as a skilled service to a client but also in relation to its consequences to society. As an example, consider an engineer who develops a revolutionary new device of substance. Does this individual see it as an immediate benefit to his or her work, or does he or she attempt to see the sequence of effects on the lives of individual workers, or the company which employs them, or the community in which it operates, or the market which it supports, or the society it ultimately serves? In the answers to these questions lies the difference between a high grade technician and the true professional engineer. It is the professional engineer who goes beyond the first mile and examines the true consequences of his or her work. Many who consider themselves engineers and who are competent in accepted technical practice have not attained real professional status. They may have mastered a specific type of work, and have gradually grown content with their routine tasks and with mediocrity. They are often content to leave all growth after graduation to the experience they assimilate in their daily work, without sustaining intellectual and educational discipline of any kind. Such people have traveled only the first mile.

Contribution to Society is Essential

But even over and above the technical requirements the engineer is a citizen whose responsibilities must also include the need to contribute to the common good.

Engineers more and more are finding their way into many fields where science needs to applied including sharing the control of disease with doctors, the raising of food with farmers, the control of finance with bankers through computers, and even the operation of the home. To be useful they must be team workers. They must be prepared to deal with 'men and their ways' no less that 'things and their forces'.

Thus the engineering profession must go beyond the

continued on page 13

Engineering Society News

OEDC Design Funding

The Engineering Alumni Association has made available a sum of money for entrants in this year's OEDC. The money is available for design costs only. Any contestant interested in sharing the money should submit a summary of their project (a copy of the outline submitted with the entry form would be ideal) as well as an estimate of their design costs to the Engineering Society (SF B670). A deadline has yet to be set for these applications but the sooner the requests are made the more likely it is that money will still be available.

Andrew Alberti
Vice-President Administration

SAC and Underfunding

Welcome back! Here is a summary of what has been going on at SAC.

First, and most important, SAC is working on the problem of government underfunding. No, we are not going to Queen's Park to wave signs and chant slogans. What we are doing is studying how the quality of education at U of T is being affected by cutbacks, then using this information to lobby the government.

What is needed is input from students in all departments. Tell us about examples of outdated lab equipment, crowded tutorials, etc. Remember, the squeaky wheel gets the grease; the more examples of underfunding problems in Engineering we present, the greater the share we will get of any benefits that become available. But we can't do anything without help and input from you. So drop us a line in the SAC mailbox in the Eng Soc or better yet, come to the underfunding campaign meeting of Friday, January 6 at 3:30pm at SAC.

Another issue that SAC is working on is whether or not abortion counselling should be done at the SAC Sexual Education (Sex Ed) Centre. St. Michael's College voiced strong opposition to abortion counselling which was countered by students from Victoria College in the form of a petition supporting abortion counselling.

In order to find a solution to this conflict, SAC has formed a committee of students who are concerned about this issue. If you have a strong opinion on this matter, then talk to one of your SAC reps or drop us a line in the SAC mailbox in the Eng Soc. Whether you are for or against abortion counselling (or maybe you think SAC shouldn't even bother with a Sex Ed Centre), we cannot represent your point of view unless you tell us how you feel.

Peter Miller (Eng Sci 8T4) is now settled into his job as SAC Education Commissioner. Some of the things that are being planned for this term are Grade 8 tours and a Speaker Series.

The Grade 8 tours are being run in conjunction with the Toronto Board of Education and will start in February. They are designed to give these students an idea of what university is like and to get them interested in U of T should they decide, somewhere down the line, to go to university.

The Speaker Series will be starting in late January. The first Speaker, Dr. Verne Atrill of the Institute of Objective Economics, will give a lecture entitled 'Stay Away From Open Windows'. Dr. Atrill is an outspoken critic of standard economic theory and his views are destined to become more prominent in the future so it promises to be an interesting event. Take a break from differential equations and thermodynamics and come on out.

Finally, the SAC Directory is now available. Sorry they are so late, but there was a delay in receiving the names and numbers from the administration which was compounded by the resignation of the SAC Communications Commissioner. If you haven't got it yet (the SAC Directory, that is) then you can get one at the Sac building or in the Eng Soc.

Tony Kasper
Engineering SAC Rep

Meeting of Interest

There will be a meeting of the Academic Affairs Committee on Friday, January 6 at 12 noon in the Eng Soc offices. All Faculty Council reps as well as others interested in the following issues should attend:
1) High-Tech Education
2) Curriculum Reforms

Paul Shindman
Academic Affairs Chairman

More Meetings

All class reps are reminded of the full Council Meeting on Wednesday, January 18 (note change of date from the handbook/calendar). Also, the Engineering Society Executive will meet on Tuesday, January 10.

★ ★ ★

Get a handle on flavour.

Budweiser. Brewed in Ontario by Labatt's.

A Week Full of Spirit and Spirits

Godiva was a Lady who...

Bill Hollings
Blue and Gold Chairman

We interrupt yet another term of Skule with an important message. Godiva Week is coming, January 9 through 13. The following is an up-to-the-minute bulletin on the events:

Treasure Hunt — All Week Long

You are searching for an object. Clues will be posted in the Eng Soc at 9:00am each morning of Godiva Week. These clues will be in two parts. One part will lead you to a group of letters somewhere (eg. on a sign or in a newspaper). The other clues will be a group of numbers telling you which letters to use and how to use them to spell out the name of the final object you are searching for. Once you spell out the object's name and proceed to find it, bring the object to Ella in the Eng Soc. The first team to bring it in will win. Prizes will be awarded at Godiva's Wake and are as follows:

1st prize — $50.00
2nd prize — $30.00
3rd prize — $20.00

Teams consist of at most 4 people and all teams must be registered with Ella by noon on Tuesday, January 10. An entry fee of $3.00 is required.

The LGMB at last year's Godiva's Wake

Monday

Well, let's get first things first. Before we can celebrate Godiva Week, we have to bring the old lady back, right? To this end, Godiva's Resurrection will take place at noon on the Front Campus; however, we will meet in the Eng Soc first.

At about 5:30pm, we will be judging the Snow Bridge building contest on front campus. Take all the time you want to build your bridge but be sure to be ready when the judging begins. Prizes will be awarded solely on the unsupported span length. In typical engineering style, we really don't care what it looks like as long as it does the job.

Tuesday

The Chariot race begins at noon. You all know the routine so I won't bore you with details. Come out and help your department in its endeavour. A full set of rules can be found in last year's handbook.

At 5:30pm the Boat Races will be held in GB422. Anyone who is capable of causing beer to flow from mouth height to stomach height faster than gravity would naturally cause it to flow is invited to attend. Teams consist of 5 members and an entry fee of $5 per team must be submitted in the Eng Soc by 4:00pm on Friday, January 6.

Wednesday

From 12:00 to 2:00pm on Wednesday and Thursday a baseball tournament will be held on Front and Back Campus. Teams consist of nine or more players and must be registered by noon on Monday, January 9. A fee of $5 per team is required. Detailed rules are

Imagine how much more fun the Chariot Race will be in the snow

posted in the Eng Soc.

At 12:30pm the Engineering Cannon will completely outclass the Ryerson Cannon in the Nth annual Gang Bang on Front Campus.

Tonight at 7:30pm the U of T Blues will take on Ryerson at Varsity Arena. Tickets are on sale now at the Stores. The cost is a paltry $1.00 and this will also admit you to the pre-game pub at 5:00pm in the SF Cafeteria. On the other hand, you can pay $1 admission to the pub which will get you a free ticket to the game.

Thursday

Don't stop now, the baseball tournament continues from 12:00 to 2:00pm today.

Five o'clock signifies the end of classes and the beginning of the 2nd annual Taste-Off to be held in GB422. This is your chance to tell the breweries exactly what you like. For the low price of $5.00 you will have a chance to taste eighteen different types of beer and tell us which you like best. Tickets are available from Ella in the Eng Soc. In case you get hungry, free chili will be served.

Friday

On a sad note, Godiva must be buried. This will take place at noon today. Meet in the Eng Soc to pay your last respects and try not to smile or laugh too much even though this will be a lot of fun.

The usual Duke of Skule Pub at 4:30 will have a hard hats theme. Bring along your hard hat, extravagantly decorated of course, and get a free beer. Also, we will try to get some fifties music.

Finally at 8:00pm, the event we have all been waiting for, Godiva's Wake, will be held at Wetmore Hall. This event is sure to be exciting and lots of fun but watch out. After all, it is Friday the 13th!

And remember, prizes will be awarded at most events and the more people we have out to these events, the more fun there will be (and I get to give out more prizes).

Is Student Life in Simcoe Hall For You?

Governing Council Wants You

Nick Bilaniuk
Eng Sci 8T5

Engineering students are familiar enough with its facade: Simcoe Hall sits across the alley from the Galbraith and Sandford Fleming buildings. It is a building of outwardly lifeless gray brick, overshadowed by adjoining Convocation Hall and devoid of any immediate significance to someone concerned with completing a tedious laboratory experiment, then heading over to the Athletic Centre for a game of squash.

The facad conceals much for there is plenty ado behind it that students can and should take a keen interest in. Simcoe Hall is. after all, the administrative heart of the university, and its decisions affect everyone. There is a perception of the place as a distant immutable monolith, and it has become a target for anti-status quo frustrations, as engineering students demonstrated with the keypunch bash last year. However, a crucial realization must be made: Simcoe Hall is not a rock, it is an organism, a dynamic body whose movements we as engineers can help direct, at least to a modest extent.

The University of Toronto presents students with an almost inexhaustible variety of outlets for surplus energy. Engineers who enjoy extracurriculars of the campus political variety can get involved in their course club, the Eng Soc, Sac or any one of a number of special interest groups, from UCAM and the Trotskyist League to the PC Youth. It is the top level that is most often overlooked: the position of Professional Faculties representative on Governing Council. At Governing Council a budding altruist, unafraid to sacrifice time for the common good, can be more productive than anywhere else.

Governing Council consists of fifty members, some of whom are Ontario Government appointees, while others are elected from faculty, staff and student constituencies. Students have a total of eight seats: two for graduate students, two for part-time students, two for students from Arts and Science and two for those from Professional Faculties. The Professional Faculty students, incidentally, may not be from the same Faculty to keep representation as broad as possible. Students serve one year terms, but may stand for re-election.

Governing Council has five major committees and several sub-committees, each with particular, but in some respects overlapping, mandates. Studenents traditionally serve on two of these committees. The executive committee (14 members) sets Council agendas, screens new issues, assigns them to ad hoc committees and reviews recommendations. The Academic Affairs Committee (35 members) has a sweeping mandate to set and monitor policy of an academic nature, including programmes of study, incidental fees appeals and promotions. The Business Affairs Committee (13 members) deals with all matters of a financial nature. The Committee on Campus and Community Affairs (15 members) deals with services such as the Placement Centre, campus groups, and relations with the outside community. Finally, the Planning and Resources Committee (18 members) considers university and divisional objectives in view of thier resource implications. Its mandate includes primary responsibility for the budget and academic fees.

Clearly, these are weighty matters, and the atmosphere at meetings of Council is appropriately different from that at the Eng Soc or SAC. Meetings are open to the public, so any one interested can find the schedule in *the Bulletin* and sit in. the loose adherence to rules of order typical of student groups give way to a more formal, purposeful air. The student peer group is replaced by more mature company including the University's top officialdom. All of which is not the say that Governing Council does not enjoy lighter moments because it does. But one must recognise that effective Student Governorship requires a refined brand of student.

First and foremost, the Governor must have an ability and willingness to work within the system, not against it. Student radicalism only leads to hostility on the part of other members who, by a count of 42 to 8, can easily outvote any student initiative. Moderation, balanced with firmness and assertiveness on the part of the student, can earn a healthy respect, and ultimately does far more good. A knack for compromise where appropriate is also a virtue. But being persuaded to go against the dictates of one's owm conscience is not.

Working within the system also means getting to know the people one is working with, nad many informal social occasions

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Engineering Stores

Come on in out of the cold. Get those brain cells working again. Visit the Engineering Stores, your first stop for first year textbooks and much more!

President's Message for the

Ron McKenzie
Eng Soc President

I hope your holidays were somewhat relaxing and you have managed to recuperate from exams.

The month of January should prove to be a great way to start off the year of 'Big Brother', 1984. Bill Hollings (our Blue and Gold Chairman) is busy planning Godiva Week. The events are designed to help rehabilitate Skulemen after the dreaded first week of classes. The highlight of the week is the infamous Chariot Race (proclaimed by SAC to be U of T's best event of 1980—81). To all f!rosh, I wish you the best of luck . . . you will need it. At the end of the month is Cannonball. This year Kevin Foody (our Social Committee Chairman) is holding the event at the Hilton Harbour Castle. Once again this is an evening not to be missed.

As a reminder, the Placement Centre summer job postings are beginning to come in. Make sure you check the lists posted in the Eng Soc office and the Placement Centre if you are interested in working this summer.

I mentioned in the December issue of *the Cannon* that I had sent a letter to Dr. Bette Stephenson, the Minister of Colleges and Universities, explaining how the lack of funding to our faculty is having detrimental effects on the quality of our education. In response, I received the letter reprinted below which I would urge you to read. It is obvious that our provincial government has no plans to improve our financial situation. To this end, I am meeting with U of T President Strangway to try to explain our present situation in the hopes of improving this faculty's equipment budget. If nothing comes of this meeting then I feel that we, as undergraduates, will have to take some form of constructive, recognizable action in order to publicize the degrading quality of our academic institution.

I also feel that a review of the Special Incidental fee is needed. Many students have expressed concern regarding the handling of their student donation. It is

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Ministry
of
Education
Ministry of
Colleges and
Universities

December 7, 1983

Mr. Ron McKenzie
President
Univeraity of Toronto Engineering
Society
10 King'a College Road
Sanford Fleming B670
University of Toronto
Toronto, Ontario
M5S 1A1

Dear Mr. McKenzie:

Thank you for your letter of November 18, 1983, concerning engineering education reaources at the University of Toronto.

The world economic crisis of the past few years has severely hampered the ability of governments to support social services to the extent which might have been desired. Ontario has always puraued a policy of responsible fiscal management and maintained an appropriate balance between expenditures and revenuea. To do so haa meant that, at timea, funding for universities, and for other sectors of public aervice, has fallen ahort of the expectations from those sectors.

Concern for the maintenance of the quality of engineering education in all university faculties of applied science haa been raiaed by the president of the Association of Professional Engineers of Ontario, in February, 1982, in a letter to me. He stated, "The Aaaociation recognizes and endoraea the present system of financing which is intended to preaerve the autonomy of the universities. We recognize alao that each engineering faculty ia allocated its reaources in accordance with priorities eatablished within its particular university". He continued to aay that "means must be found to reverae the continuing decline in the quality of our engineering programs. Deapite this we have been unable to obtain any "hard data" by which we can relate the quality of engineering graduates to the level and quality of resources which support the programa from which they graduate".

To turn to the financial aspect of the aituation, I muat point out that the univeraities receive two BIU'a (Baaic Income Units) for each undergraduate engineering student, twice the amount for a general arts and science undergraduate. In addition, a special grant of $2,685,000 was provided to the University of Toronto in 1983-84 for undergraduate teaching equipment with the priority to be given to engineering. The Ministry does not intervene in the internal allocation of funds by the universities and it is up to the faculties of engineering to ensure that they receive the neceaaary operating funds through that allocation process.

I commend the students in the Faculty of Applied Science and Engineering on their initiative in donating an annual $100 each to the Faculty as an incidental fee to increaae the equipment budget of the Faculty. As you are probably aware, the Government of Ontario, through its Board of Industrial Leadership and Development, has earmarked additional reaources to improve the research equipment for acience and engineering and to encourage faculty membera to aeek more research contracts from private industry. The moniea provided to the Univeraity of Toronto for engineering equipment amounted to $1,638,400 in 1982-83 and $1,904,900 in the previous years.

I assure you that the government ia cognizant of the perceived needs of the various faculties in the universitiea. However, unless there is a major breakthrough, upwarda, in the economy little alleviation of the present situation can be expected.

Yours truly,

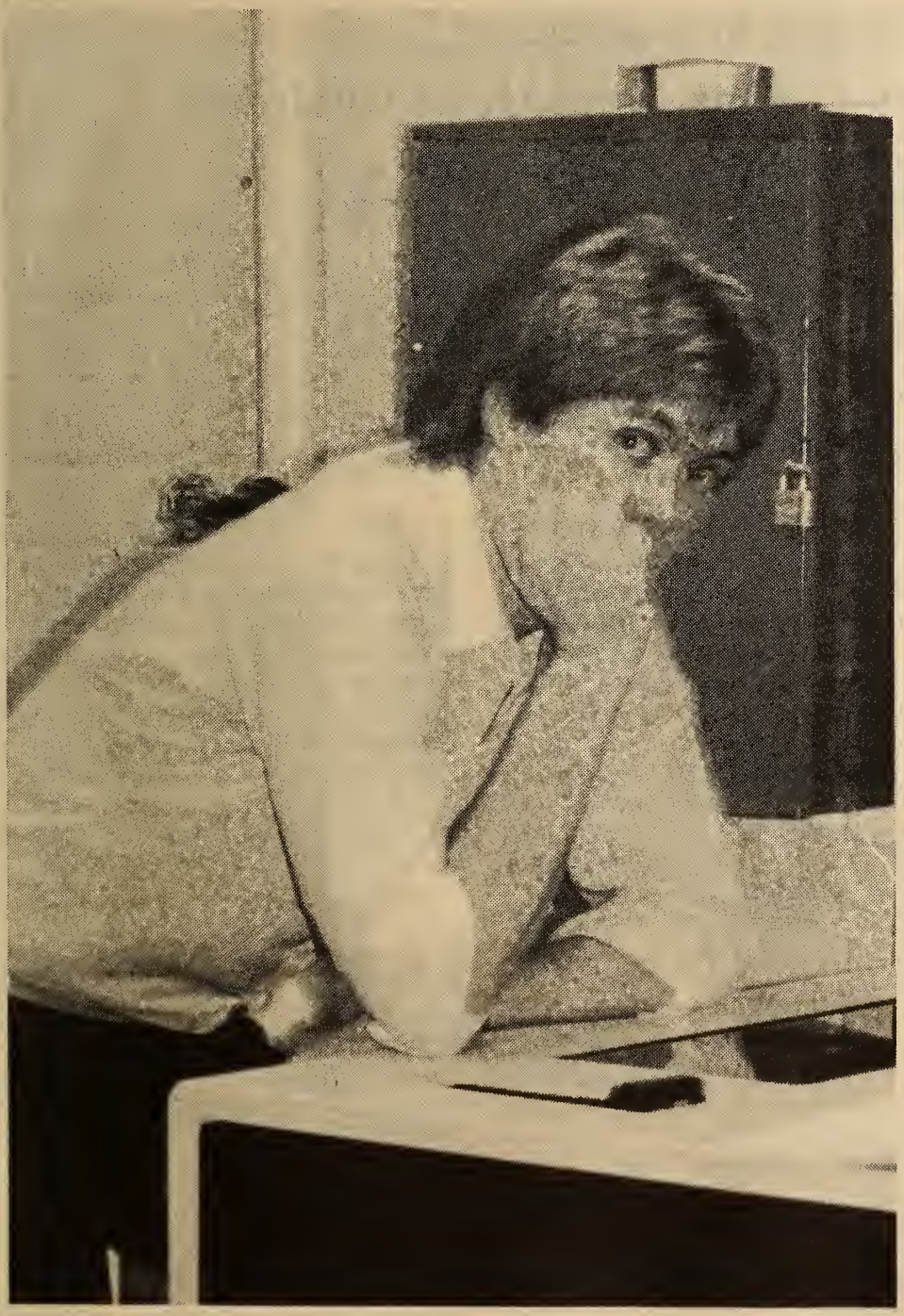
Bette Stephenson, M.D.,
Minister

New Year

vital that you let your class representatives know just how you feel your $100 should be spent. Should this fee be continued? This question is yours to decide, so voice your opinion.

In the meantime, enjoy the events that January has to offer and to all fourth year students, this is your last chance to live those memories of the future.

Best of luck in 1984!



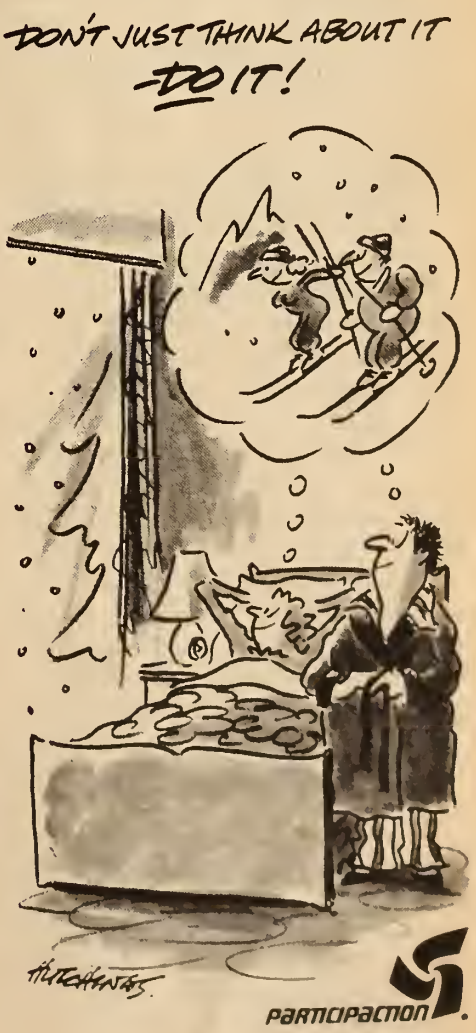
Ron McKenzie, hard at work once again

continued from page 5

first mile and bear heavier responsibilities in civic and economic affairs. Beyond the compulsion of one's occupation lies the second mile of effort where men and women strive for excellence and where they participate in activities for the common good. It is in the second mile that the engineer can attain true professional status.

For more information on the Second Mile Award, visit the Faculty Office (GB157).

Note: The concept of the 3T5 Second Mile Award was taken from an address by Dr. William Wickenden before the Engineering Institute of Canada.



The Professional Development Committee

is proud to present

U of T Engineering Graduate and Metro Chairman

PAUL GODFREY

Thursday, January 26

12:00pm in SF1105

continued from page 10

are provided to make this possibile. A talent for intelligent small talk and backroom deal-making is a useful asset. Not so a sandpaper personality.

Speaking off-the-cuff before a group of 12 to 50 officials is not easy, but it is a necessary — and fortunately learnable — skill. It is also something that the Student Governor can later apply in a boardroom making presentations to company officials or in a variety of other engineering communications environments. Once the initial shyness is overcome, the Governor should be able to deliver concerns concisely and eloquently in order to win over the committees or Council's membership.

Also requisite on the part of a good Governor is the realization that he or she represents all professional students, and must take their concerns into account. A narrow view of engineers' interests alone is unjustifiable and inappropriate vis-a-vis the rest of the constituency. An ability to work with the informal 'student caucus' is worwhile. A one year term is short, so the Governor, preferably with Faculty Council or similar experience, should try to get off to a flying start.

The substantial time commitment involved cannot be overlooked by a student in engineering who already faces a crushing workload. It would be unfair to the entire student constituency to have an elected representative who does not attend the monthly meetings of Council and the two committees he or she serves on, or who does not read any of the documentation beforehand.

Rest assured that most students who commit themselves wholeheartedly to the Governing Council pass, though they may suffer a slight dip academically. But the rewards of the experience are rich and bountiful. The Governor stands to gain a knowledge of the inner workings of academia and business. To rub shoulders with not only university officials but also top executives from major corporations. To catch a glimpse of what life has in store. To have input into the shape of his or her education. Interested?

Nomination time for the Governing Council election is mid-January. Details are available in *the Bulletin* or the Governing Council Secretariat in Simcoe Hall. Voting has always taken place by mailed ballot in March (remember that card you ignored last year?). The fact of the matter is, an astoundingly small portion of professional faculty students actually bother to vote: only about 5% last year. If our Faculty with all its voting power gets behind a single worthy engineer, he or she is virtually guaranteed the seat. Although any number of canditates can run from a given Faculty, recall that only one canditate can claim one of the two seats, so running more than one englneer would be unnecessarily divisive and could result in Engineering being deprived of representation altogether. Students with 'the right stuff' to venture across the alley should perhaps bounce the idea off the Eng Soc to see who else, if anybody, is interested.

Ski Those Blahs Away

Engineering Athletics

'Well, it was about time we had a white Christmas,' muttered one student while the professor began to describe the hideous details of another new course. 'How dare they ruin great skiing by starting classes already?' moaned his classmate. Similar rumblings are surely occurring in lecture halls throughout Skule today. Don't despair, you do not have to wait until February for your next ski trip!

This Friday, January 6 is Engineering Ski Day at Osler Bluffs, a chance to enjoy the snow before school really gets going. No line-ups and great snow should make for a perfect day of skiing at this private club (opportuniites like this one are few and far between). Tow tickets are only $18 (less than you would pay at many crowded public hills with long tow line-ups) and available from Ella in the Engineering Society. If transportation is a problem, combination tow and bus tickets are also on sale for only $28. The buses will leave campus at approximately 7am to allow for a full day on the slopes.

For those aspiring racers, a course will be set up on one of the runs. Whether novice or experienced, you can compare your skills with other Engineers in preparation for the inter-faculty ski meet later in the term. If you wish to compete in the meet, attendance at Osler is a must and please contact Eugene at 967—5635 as soon as possible.

Bring along your classmates and friends for a day of excitement this Friday before the work piles up higher than that powdery white stuff!

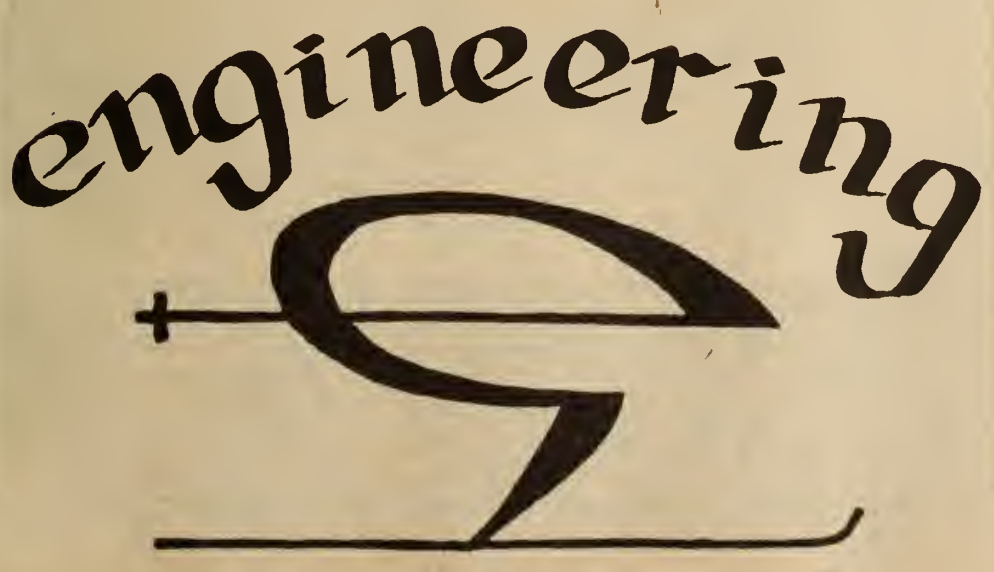
While the two Engineers were cursing their luck, a third suddenly asked, 'Are you going to Engineering Ski Day on Friday?' The answer was a resounding 'Yes!' This was the solution to their misery (and yours too).

P.S. For any non-skiers and all-around athletes, many other sporting outlets are available in January. If you prefer your H_2O in liquid form, the men's swim meet will be held on Wednesday, January 11 and the women's meet is scheduled for Wednesday, January 18.

January also signals the beginning of the season for men's Waterpolo and Squash plus women's Squash and Volleyball.

The Skule women's hockey team continues to steamroll over all opponents with a convincing 6-0 win over St. Mike's. This is their second straight shutout victory and leaves them undefeated this season.

Their next game is Tuesday, January 10 at 8am at Varsity Arena. Look for schedules for other sports in Eng Soc or at the Athletic Centre.



Dates to Remember

Jan. 6: Academic Affairs Committee Meeting

Jan. 9-13: Godiva Week

Jan. 10: Executive Meeting

Jan. 18: Full Council Meeting

Jan. 26: Professional Development Talk

Jan. 28: Cannonball

Jan. 13: Godiva's Wake (Engineering Pub)

. . . and watch for a ***Toike Oike*** *in January.*

ar·ma·dil·lo \ˌär-mə-ˈdil-(ˌ)ō\ *n, pl* **armadillos** [Sp, fr. dim. of *armado* armed one, fr. L *armatus*] : any of several burrowing chiefly nocturnal edentate mammals (family Dasypodidae) of warm parts of the Americas having body and head encased in an armor of small bony plates in which many of them can curl up into a ball when attacked

(a Synonym for a popular Canadian beer.)